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Appln. Trans.  
PATENT

UTILITY PATENT  
APPLICATION  
TRANSMITTAL

(Only for new nonprovisional  
applications under 37 CFR 1.53(b))

Attorney Docket No. A31869-A 70050.1046

First Named Inventor RZHETSKY

Express Mail Label No. **EJ 339 571 801 US**

JC600 U.S. PTO  
09/549827  
04/14/00

April 14, 2000

**BY EXPRESS MAIL** - Label No. **EJ 339 571 801 US**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Sir:

Enclosed herewith for filing is a patent application of ANDREY RZHETSKY and SERGEY KALACHIKOV, citizens of Russia, whose post office addresses are 560 Riverside Drive, 11F New York, New York 10027; and 154 Haven Avenue, 1303, New York, New York 10032 respectively; MICHAEL O. KRAUTHAMMER, citizen of Switzerland, whose post office address is 27 W. 76th Street, Apt. 3A, New York, N.Y., 10023; CAROL FRIEDMAN and PAULINE KRA, citizens of the United States, whose post office addresses are 14 Dimitri Place, Larchmont, New York, 10538 and 109-14 Ascan Ave. Forest Hills, N.Y., 11375 entitled

GENE DISCOVERY THROUGH COMPARISONS OF NETWORKS OF STRUCTURAL AND FUNCTIONAL  
RELATIONSHIPS AMONG KNOWN GENES AND PROTEINS

which includes:

|   |    |              |
|---|----|--------------|
| <input checked="" type="checkbox"/> Specification           | 74 | Total Pages  |
| <input checked="" type="checkbox"/> Appendix A              | 7  | Total Pages  |
| <input checked="" type="checkbox"/> Appendix B              | 20 | Total Pages  |
| <input checked="" type="checkbox"/> Appendix C              | 12 | Total Pages  |
| <input checked="" type="checkbox"/> Appendix D              | 64 | Total Pages  |
| <input checked="" type="checkbox"/> Appendix E              | 2  | Total Pages  |
| <input checked="" type="checkbox"/> Appendix F              | 1  | Total Pages  |
| <input checked="" type="checkbox"/> Appendix G              | 2  | Total Pages  |
| <input checked="" type="checkbox"/> Claims                  | 11 | Total Pages  |
| <input checked="" type="checkbox"/> Abstract                | 1  | Total Pages  |
| <input checked="" type="checkbox"/> Drawing(s)              | 23 | Total Sheets |
| <input type="checkbox"/> formal                             |    |              |
| <input checked="" type="checkbox"/> informal                |    |              |
| <input checked="" type="checkbox"/> Microfiche (Appendix H) |    |              |

☒ Unexecuted Combined Declaration and Power of Attorney

3 Total Pages

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- ☐ Newly executed (original or copy)  
☐ Copy from a prior application  
(for continuation/divisional only - must be filed to avoid surcharge for late filing)

If a continuing application, check appropriate box:

☒ Continuation-In-Part (CIP) of prior application No. 09/327,983

☐ Amend the specification by inserting, before the first line, the following sentence:

"This is a ☐ continuation ☐ divisional ☒ continuation-in-part  
of copending application Serial No. 09/327,983 filed June 8, 1999."

- ☐ An Assignment of the invention to \_\_\_\_  
☐ is attached. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  
☒ will follow.  
☐ has been filed in the prior application

- ☐ Small Entity Statement(s)  
☐ Small Entity Statement filed in prior application. Status still proper and desired.

- ☐ Information Disclosure Statement (IDS) PTO-1449  
☐ Copies of IDS Citations.

☐ Preliminary Amendment

☒ Return Receipt Postcard

☐ Other \_\_\_\_

☐ Cancel in this application original claims \_\_\_\_ of the prior application before calculating the filing fee.

The filing fee has been calculated as shown below:

| FOR                      | (Col. 1)<br>No. Filed | (Col. 2)<br>No. Extra | Small Entity<br>Rate | Fee | OR | Other Than A<br>Small Entity<br>Rate | Fee     |
|--------------------------|-----------------------|-----------------------|----------------------|-----|----|--------------------------------------|---------|
| Basic Fee                |                       |                       |                      |     |    |                                      | \$690   |
| Total Claims             | 45                    | -20 = 20              | x \$9 =              | \$0 |    | x \$18 =                             | \$450   |
| Ind. Claims              | 6                     | -3 = 3                | x \$39 =             | \$0 |    | x \$78 =                             | \$234   |
| Multiple Dependent Claim |                       |                       | + \$130 =            | \$0 |    | + \$260 =                            |         |
|                          |                       |                       | Total                | -   |    |                                      | \$1,374 |

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Attorney Docket No. A31869-A 70050.1046

\* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

Fee Payment Being Made:

☒ Enclosed

☒ Basic filing fee \$1,374

☐ Recording Assignment  
[\$40.00; 37 CFR 1.21(h)]

Total Fees Enclosed \$1,374

☒ A check in the amount of \$1,374.00 to cover filing fee and assignment recordation fee is enclosed.

Priority

☐ Priority of application Country \_\_, Appln. No. \_\_ filed \_\_ is claimed under 35 U.S.C. 119.

☐ Certified Copy of Priority Document(s) Country \_\_, Appln No. \_\_, filed \_\_.

☐ is/are attached ☐ will follow ☐ has been filed in the parent application S/N \_\_.

☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16, 1.17, and 1.21(h) associated with this communication or credit any overpayment to Deposit Account No. 02-4377. Two copies of this sheet are enclosed.

BAKER BOTTS L.L.P.

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Agent for Applicant

Enclosures